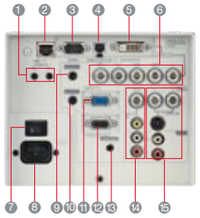
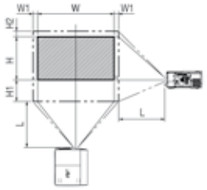


1. REMOTE IN/OUT (wired remote)
2. LAN (RJ-45) network terminal
3. SERIAL (RS-232C, D-Sub 9-pin)
4. USB connection (mouse cursor control)
5. DVI-D (with HDCP)
6. COMPUTER/COMPONENT VIDEO IN 1 (5 BNC/3 BNC)
7. MAIN power switch (off/on)
8. AC IN power jack
9. AUDIO IN 1 (stereo-mini-jack)
10. AUDIO IN 2 (stereo-mini-jack)
11. INPUT 2 (mini-D-sub 15-pin)
12. MONITOR OUT (mini-D-sub 15-pin)
13. AUDIO OUT (stereo-mini-jack)
14. VIDEO IN (RCA or BNC) and Audio (RCA R/L)
15. S-VIDEO IN (S-Video or BNC) and Audio (RCA R/L)

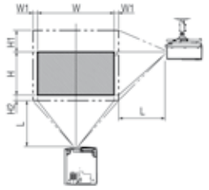
Specifications

Model	FL7000U
Technology	3 x 1.1" LCD (with Micro Lens technology)
Resolution	1920 x 1080 (total 2,073,600 pixels)
Brightness	5000 ANSI lumens
Contrast	1000:1 (on/off)
Colors	16.77 million
Vertical Frequency (V-Sync)	50–120 Hz
Horizontal Frequency (H-Sync)	15–100 kHz
Band Width	up to 162 MHz
Projection Lamp	275 W
Lamp Life	approx. 4000 hours (low mode)[1]
Lens	F/1.8–2.1, f = 51–64 mm
Focus/Zoom	Motorized focus and zoom (zoom ratio: 1.3:1)
Throw Ratio	2.0–2.6:1
Picture Diagonal	1.52–6.35 m
Fan Noise	29 dB (low mode)
Audio Speaker	10 W Mono
PC Compatibility	640 x 400 to 1920 x 1080 pixels (compr. 1600 x 1200 pixels), Sync on green available
Video Compatibility	NTSC/NTSC 4.43, PAL (incl. PAL-M, N), SECAM, PAL-60, Comp. Video: 480i/p (525i/p), 576i/p (625i/p), 720p (750p 50/60 Hz), 1080i (1125i 50/60 Hz), 1080p (1125p 50/60 Hz), SCART (RGB + 1 V-Sync)
Features	Programmable start logo, projector control by network LAN possible, Projector View available, Color Enhancer, Lens Shift function (vertical & horizontal), Digital Keystone Correction (vertical), anti-theft with acoustic alarm signal, PIN-code protection, split screen function, 12-language OSD, Video-Line Doubler (2:3/2:2 pull-down), sRGB mode, 3D Color Uniformity Correction, 3D Y/C Digital Comb Filter and 3D Noise Reduction
Input Terminals	PC (RGB): 1 x 5 BNC or component: 1 x 3 BNC, 1 x mini-D-sub 15-pin, 1 x DVI-D (with HDCP) PC-Audio: 2 x stereo-mini-jack (Ø 3.5 mm) Video: 1 x RCA or 1 x BNC, 1 x S-Video 4-pin or 1 x S-Video Y/C (BNC) Video-Audio: 2 x RCA (L, R)
Output Terminals	PC (RGB): 1 x mini-D-sub 15-pin Audio: 1 x stereo-mini-jack (Ø 3.5 mm)
Communication Terminals	LAN (RJ-45), RS-232C (D-sub 9-pin), USB terminal for mouse cursor control, 1 x wired remote IN (stereo-mini-jack Ø 3.5 mm), 1 x wired remote OUT (stereo-mini-jack Ø 3.5 mm)
Remote Control	Complete operation of the projector, USB: mouse cursor control, PowerPoint pages up/down and home/end via USB, high brightness laser pointer, wired remote
Dimensions (W x H x D)	443 x 207 x 434 mm (incl. detachable terminal cover)
Weight	9.8 kg
Power Consumption	430 W
Power Supply	AC 100–240 V, 50/60 Hz
Supplied Accessories	Cable set, remote control (incl. batteries), 1 x detachable terminal cover incl. anti-theft alarm, 2 x safety-pin for anti-theft alarm, 2 x batteries for anti-theft alarm, 3 x anti-theft sticker, 1 x filter, multilingual safety guide incl. quick start guide, operation manual (CD-ROM)
Optional Accessories	Interchangeable lenses, ceiling bracket
Interchangeable lenses (optional)	
Short fixed lens for rear projection OL-X500FR(F)	Zoom ratio: 0.9:1, aperture/focal length: F/2.5, f = 22 mm
Short throw zoom lens OL-X500SZ	Zoom ratio: 1.4–1.7:1, aperture/focal length: F/2.0–2.3, f = 37–44 mm
Long throw zoom lens OL-X500LZ	Zoom ratio: 2.5–3.5:1, aperture/focal length: F/2.5–3.2, f = 64–90 mm
Tele zoom lens OL-X500TZ	Zoom ratio: 3.7–5.5:1, aperture/focal length: F/2.5–3.4, f = 93–140 mm

[1]Depending on the operation environment and application. This is an average value given by the manufacturer based on ideal conditions.



Front Projection



Front Projection, Ceiling Bracket

Picture Size			Distance from Screen (L)		Lens Shift		
Diagonal Size cm	Width (W) cm	Height (H) cm	cm/minimal with maximal zoom	cm/maximal with minimal zoom	H1 cm	H2 cm	W1 cm
152	133	75	264	338	38	10	7
203	177	100	356	452	51	13	9
254	221	125	445	566	63	17	11
381	332	187	671	853	94	25	17
508	443	249	900	1140	125	34	22
635	553	311	1125	–	156	42	28

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MITSUBISHI ELECTRIC

Changes for the Better

FL7000U

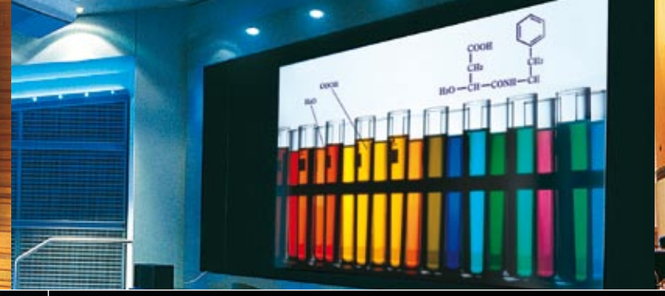
HIGHEST RESOLUTION FOR HIGHEST STANDARDS

THE FIRST FULL HD PROJECTOR FOR PROFESSIONAL APPLICATIONS BY MITSUBISHI ELECTRIC

FULL HD

5000lm HIGH Brightness

Entertainment & infotainment



Convention & education

Design & construction

Presentation & video conference

MITSUBISHI ELECTRIC PRESENTS: FULL HD PROJECTION FOR COMMERCIAL USE

Images in amazing resolution thanks to Full HD (1920 x 1080 pixels), outstanding brightness (5000 ANSI lumens), ultra-quiet operation (29 dB) and many more winning features: the new FL7000U data projector meets the highest quality demands – at an exceptional price for a premium segment projector.

FULL HD 5000lm HIGH Brightness

Razor-sharp images

The LCD projector FL7000U is the first business solution built by Mitsubishi Electric boasting Full HD resolution. It delivers HDTV broadcasts and HD/Blu-Ray DVD images in perfect, high-definition quality. The FL7000U was specially designed for environments that demand large projection formats and extremely sharp images – even when viewed from a short distance – like business presentations, HDTV video conferences and CAD graphics. At the same time, it excels at surveillance, broadcasting and public viewing tasks and in large room installations: wherever you put the FL7000U to work, you can count on superb, vibrant images in Full HD quality.

XGA (1024 x 768 pixels)

Full HD (1920 x 1080 pixels)

Split-screen viewing without overlap

Thanks to its full HD resolution, the FL7000U can show two images side by side without overlap (split screen function). Tables, graphs, pictures etc. are easily and reliably compared at a glance. In video conferences, presentation charts can be displayed right beside the live image.

XGA (1024 x 768 pixels)

Full HD (1920 x 1080 pixels)

Brilliant projection

With an outstanding brightness of 5000 ANSI lumens the FL7000U delivers clearly defined images rich in contrasts and guarantees brilliant performance at all time, even when the possibilities for darkening the room are very limited.

1000 ANSI lumens

5000 ANSI lumens

Quiet operation

The FL7000U offers an extremely low noise level of only 29 dB. There is no need to worry about acoustic distraction from the projector.

Low operating/maintenance costs

Thanks to an extensive lamp life of up to 4000 hours the replacement intervals are extremely long. The benefit: low maintenance costs.

Adaptable lenses

For optimum adaptation to different room conditions, interchangeable tele zoom and wide angle lenses are available for the FL7000U.

Faithful presentation of screen colors

Thanks to sRGB color mode, Color Enhancer and gamma correction options, the FL7000U reproduces color hues exactly as they appear on a monitor. And of course users can always individualize the color setup.

sRGB

Versatile connectivity

The FL7000U's versatile interfaces (DVI/BNC) connect to various audiovisual signal sources. Via an RJ-45 connector and a dedicated software (Projector View Diagnostic System), it also integrates into local area networks, allowing the projector to be operated from any workstation. If the network includes several units at once, the operating status of each FL7000U can be monitored from any terminal.

Extensive security

To protect against theft and unauthorized use, the FL7000U is equipped with a PIN-code-protected menu access and an alarm system which triggers an acoustic signal when an attempt is made to remove the projector from its ceiling mounting.